

[0090] In FIG. 6, an alternative illustration of apparatuses according to exemplary embodiments of the present invention is depicted. As indicated in FIG. 6, according to exemplary embodiments of the present invention, the apparatus (terminal) 10' (corresponding to the UE 10) comprises a processor 15, a memory 16 and an interface 17, which are connected by a bus 18 or the like. Further, according to exemplary embodiments of the present invention, the apparatus (network node) 20' (corresponding to the ANDSF Server 20) comprises a processor 25, a memory 26 and an interface 27, which are connected by a bus 28 or the like, and the apparatuses may be connected via link 60, respectively.

[0091] The processor 15/25 and/or the interface 17/27 may also include a modem or the like to facilitate communication over a (hardwire or wireless) link, respectively. The interface 17/27 may include a suitable transceiver coupled to one or more antennas or communication means for (hardwire or wireless) communications with the linked or connected device(s), respectively. The interface 17/27 is generally configured to communicate with at least one other apparatus, i.e. the interface thereof.

[0092] The memory 16/26 may store respective programs assumed to include program instructions or computer program code that, when executed by the respective processor, enables the respective electronic device or apparatus to operate in accordance with the exemplary embodiments of the present invention.

[0093] In general terms, the respective devices/apparatuses (and/or parts thereof) may represent means for performing respective operations and/or exhibiting respective functionalities, and/or the respective devices (and/or parts thereof) may have functions for performing respective operations and/or exhibiting respective functionalities.

[0094] When in the subsequent description it is stated that the processor (or some other means) is configured to perform some function, this is to be construed to be equivalent to a description stating that at least one processor, potentially in cooperation with computer program code stored in the memory of the respective apparatus, is configured to cause the apparatus to perform at least the thus mentioned function. Also, such function is to be construed to be equivalently implementable by specifically configured means for performing the respective function (i.e. the expression "processor configured to [cause the apparatus to] perform xxx-ing" is construed to be equivalent to an expression such as "means for xxx-ing").

[0095] According to exemplary embodiments of the present invention, an apparatus representing the terminal 10 comprises at least one processor 15, at least one memory 16 including computer program code, and at least one interface 17 configured for communication with at least another apparatus. The processor (i.e. the at least one processor 15, with the at least one memory 16 and the computer program code) is configured to perform receiving a network list, said network list comprising at least one network discovery element, each of said at least one network discovery elements represents a particular network and comprises at least connection information for connecting to said network and a category assigned to said network (thus the apparatus comprising corresponding means for receiving), to perform receiving a control signaling comprising at least one desired category, and to perform selecting said network based on said at least one

desired category and the category assigned to said network (thus the apparatus comprising corresponding means for selecting).

[0096] According to exemplary embodiments of the present invention, an apparatus representing the network node 20 comprises at least one processor 25, at least one memory 26 including computer program code, and at least one interface 27 configured for communication with at least another apparatus. The processor (i.e. the at least one processor 25, with the at least one memory 26 and the computer program code) is configured to perform transmitting a network list, said network list comprising at least one network discovery element, each of said at least one network discovery elements represents a particular network and comprises at least connection information for connecting to said network and a category assigned to said network (thus the apparatus comprising corresponding means for transmitting), to perform determining at least one desired category (thus the apparatus comprising corresponding means for determining), and to perform transmitting a control signaling comprising said at least one desired category.

[0097] For further details regarding the operability/functionality of the individual apparatuses, reference is made to the above description in connection with any one of FIGS. 1 to 5, respectively.

[0098] For the purpose of the present invention as described herein above, it should be noted that

[0099] method steps likely to be implemented as software code portions and being run using a processor at a network server or network entity (as examples of devices, apparatuses and/or modules thereof, or as examples of entities including apparatuses and/or modules therefore), are software code independent and can be specified using any known or future developed programming language as long as the functionality defined by the method steps is preserved;

[0100] generally, any method step is suitable to be implemented as software or by hardware without changing the idea of the embodiments and its modification in terms of the functionality implemented;

[0101] method steps and/or devices, units or means likely to be implemented as hardware components at the above-defined apparatuses, or any module(s) thereof, (e.g., devices carrying out the functions of the apparatuses according to the embodiments as described above) are hardware independent and can be implemented using any known or future developed hardware technology or any hybrids of these, such as MOS (Metal Oxide Semiconductor), CMOS (Complementary MOS), BiMOS (Bipolar MOS), BiCMOS (Bipolar CMOS), ECL (Emitter Coupled Logic), TTL (Transistor-Transistor Logic), etc., using for example ASIC (Application Specific IC (Integrated Circuit)) components, FPGA (Field-programmable Gate Arrays) components, CPLD (Complex Programmable Logic Device) components or DSP (Digital Signal Processor) components;

[0102] devices, units or means (e.g. the above-defined network entity or network register, or any one of their respective units/means) can be implemented as individual devices, units or means, but this does not exclude that they are implemented in a distributed fashion throughout the system, as long as the functionality of the device, unit or means is preserved;